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Tools: Add to Work File:  Create new Work File  Add View: INPADOC | Jump to:  Go to: Derwent Email this to a friendTitle: **JP09068515A2: OXYGEN SENSOR ELEMENT**Derwent Title: Oxygen sensor element - composed of solid electrolyte, electrodes and porous protecting layer [Derwent Record](#)

Country: JP Japan

Kind: A (See also: [JP03514001B2](#) )

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Published / Filed: 1997-03-11 / 1995-08-31

Application Number: JP1995000248726

IPC Code: G01N 27/409;

Priority Number: 1995-08- JP1995000248726

Abstract: PROBLEM TO BE SOLVED: To provide an oxygen sensor element which can secure a stable sensor output only with an electrode protection layer without requiring provision of a poison-covered trap layer.

SOLUTION: An oxygen sensor element concerned is configured with a solid electrolyte 13 and a pair of electrodes 131, 132 arranged on the electrolyte 13, and has an electrode protection layer 2 enclosing at least one of the electrodes 131, 132. The electrode protection layer 2 is made of a porous substance formed by plasma fusion spray, and the surface roughness is 50μm or over by the ten-point mean.

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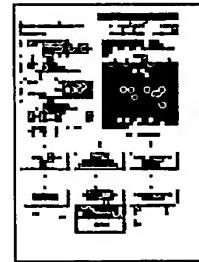
INPADOC Legal Status: None Get Now: [Family Legal Status Report](#)

Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	JP09068515A2	1997-03-11	1995-08-31	OXYGEN SENSOR ELEMENT
<input checked="" type="checkbox"/>	JP03514001B2	2004-03-31	1995-08-31	
2 family members shown above				

Forward References: Go to Result Set: Forward references (1)

PDF	Patent	Pub.Date	Inventor	Assignee	Title



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